

## SHIELD-KON® two-part screen connector

SHIELD-KON® two-part screen connector for connecting screened cables, inner sleeve GSB, outer sleeve GSC, reliable connection

### Info

Consists of inner and outer sleeve



Rail



Interference signals

### Benefits

A hard, stable inner sleeve absorbs the pressure and protects the conductor on the inside from mechanical stress  
Hexagonal shaped crimping of the soft outer sleeve guarantees a perfect electrical and mechanical connection

### Application range

For screen cables with a dielectric diameter from 1.1 to 9,4 mm (diameter after removing the screen)  
Telecommunication  
Railway applications

### Technical Data

Classification ETIM 5:

ETIM 5.0 Class-ID: EC002650

ETIM 5.0 Class-Description: Connection for screened wires

Classification ETIM 6:

ETIM 6.0 Class-ID: EC002650

ETIM 6.0 Class-Description: Connection for screened wires

Material:

Bronze

Galvanically galvanized

Temperature range:

Temperature shock test

100 cycles of temperature changes between -40 °C and +155 °C  
produced a negligible change in the contact resistance.

### Note

SHIELD-KON® is a registered trademark of ABB.

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

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## SHIELD-KON® two-part screen connector

Prices are net prices without VAT and surcharges. Sale to business customers only.

# SHIELD-KON® two-part screen connector

| Article number | Article designation | Colour | Inner x outer sleeve Ø (mm) | Suitable crimp insert | Nest | Pieces / PU |
|----------------|---------------------|--------|-----------------------------|-----------------------|------|-------------|
| Inner sleeves  |                     |        |                             |                       |      |             |
| 61749430       | GSB 046             | silver | 1.17 x 1.9                  | -                     | -    | 100         |
| 61749440       | GSB 058             | yellow | 1.47 x 2.1                  | -                     | -    | 100         |
| 61749450       | GSB 063             | red    | 1.6 x 2.23                  | -                     | -    | 100         |
| 61749460       | GSB 071             | green  | 1.87 x 2.44                 | -                     | -    | 100         |
| 61749470       | GSB 080             | blue   | 2 x 2.63                    | -                     | -    | 100         |
| 61749480       | GSB 090             | orange | 2.2 x 2.9                   | -                     | -    | 100         |
| 61749490       | GSB 096             | purple | 2.44 x 3.02                 | -                     | -    | 100         |
| 61749500       | GSB 101             | yellow | 2.56 x 3.16                 | -                     | -    | 100         |
| 61749510       | GSB 109             | red    | 2.76 x 3.36                 | -                     | -    | 100         |
| 61749520       | GSB 115             | silver | 2.92 x 3.7                  | -                     | -    | 100         |
| 61749530       | GSB 124             | green  | 3.14 x 3.68                 | -                     | -    | 100         |
| 61749540       | GSB 128             | silver | 3.25 x 3.86                 | -                     | -    | 100         |
| 61749550       | GSB 134             | orange | 3.4 x 4                     | -                     | -    | 100         |
| 61749560       | GSB 149             | blue   | 3.78 x 4.54                 | -                     | -    | 100         |
| 61749570       | GSB 156             | red    | 3.96 x 4.9                  | -                     | -    | 100         |
| 61749580       | GSB 165             | silver | 4.2 x 4.92                  | -                     | -    | 100         |
| 61749590       | GSB 175             | green  | 4.44 x 5.46                 | -                     | -    | 100         |
| 61749600       | GSB 187             | yellow | 4.75 x 5.76                 | -                     | -    | 100         |
| 61749610       | GSB 194             | blue   | 4.93 x 5.76                 | -                     | -    | 100         |
| 61749620       | GSB 205             | orange | 5.2 x 6.22                  | -                     | -    | 100         |
| 61749630       | GSB 219             | silver | 5.56 x 6.35                 | -                     | -    | 100         |
| 61749640       | GSB 225             | yellow | 5.71 x 6.5                  | -                     | -    | 100         |
| 61749650       | GSB 232             | red    | 5.9 x 6.7                   | -                     | -    | 100         |
| 61749660       | GSB 250             | green  | 6.35 x 7.14                 | -                     | -    | 100         |
| 61749670       | GSB 261             | blue   | 6.63 x 7.54                 | -                     | -    | 100         |
| 61749680       | GSB 266             | silver | 6.75 x 7.54                 | -                     | -    | 100         |
| 61749690       | GSB 275             | orange | 6.98 x 7.77                 | -                     | -    | 100         |
| 61749700       | GSB 281             | yellow | 7.14 x 8.4                  | -                     | -    | 100         |
| 61749710       | GSB 287             | silver | 7.29 x 8.3                  | -                     | -    | 100         |
| 61749720       | GSB 297             | red    | 7.54 x 8.5                  | -                     | -    | 100         |
| 61749730       | GSB 312             | purple | 7.92 x 9.2                  | -                     | -    | 100         |
| 61749740       | GSB 348             | orange | 8.84 x 10.2                 | -                     | -    | 100         |
| 61749750       | GSB 375             | blue   | 9.52 x 10.3                 | -                     | -    | 100         |

# SHIELD-KON® two-part screen connector

| Article number | Article designation | Colour | Inner x outer sleeve Ø (mm) | Suitable crimp insert | Nest | Pieces / PU |
|----------------|---------------------|--------|-----------------------------|-----------------------|------|-------------|
| Outer sleeves  |                     |        |                             |                       |      |             |
| 61749810       | GSC 101             | silver | 2.56 x 3.16                 | PEW 12.1425 SK        | 19   | 100         |
| 61749820       | GSC 128             | blue   | 3.25 x 3.86                 | PEW 12.1425 SK        | 00   | 100         |
| 61749830       | GSC 149             | purple | 3.78 x 4.54                 | PEW 12.1425 SK        | 01   | 100         |
| 61749840       | GSC 156             | yellow | 3.96 x 4.9                  | PEW 12.1425 SK        | 02   | 100         |
| 61749850       | GSC 175             | blue   | 4.4 x 5.46                  | PEW 12.1425 SK        | 03   | 100         |
| 61749860       | GSC 187             | orange | 4.75 x 5.76                 | PEW 12.1426 SK        | 6    | 100         |
| 61749870       | GSC 194             | red    | 4.93 x 5.79                 | PEW 12.1426 SK        | 6    | 100         |
| 61749880       | GSC 199             | silver | 5.05 x 5.97                 | PEW 12.1426 SK        | 6    | 100         |
| 61749890       | GSC 205             | yellow | 5.2 x 6.22                  | PEW 12.1426 SK        | 8    | 100         |
| 61749900       | GSC 219             | green  | 5.56 x 6.35                 | PEW 12.1426 SK        | 8    | 100         |
| 61749910       | GSC 225             | purple | 5.71 x 6.5                  | PEW 12.1426 SK        | 9    | 100         |
| 61749920       | GSC 232             | orange | 5.9 x 6.7                   | PEW 12.1426 SK        | 10   | 100         |
| 61749930       | GSC 261             | yellow | 6.63 x 7.54                 | PEW 12.1427 SK        | 11   | 100         |
| 61749940       | GSC 275             | silver | 6.98 x 7.77                 | PEW 12.1427 SK        | 12   | 100         |
| 61749950       | GSC 281             | purple | 7.14 x 8.4                  | PEW 12.1427 SK        | 14   | 100         |
| 61749960       | GSC 287             | blue   | 7.29 x 8.3                  | PEW 12.1427 SK        | 14   | 100         |
| 61749970       | GSC 297             | green  | 7.54 x 8.5                  | PEW 12.1427 SK        | 14   | 100         |
| 61749980       | GSC 312             | yellow | 7.95 x 9.2                  | PEW 12.1428 SK        | 15   | 100         |
| 61749990       | GSC 327             | silver | 8.3 x 9.45                  | PEW 12.1428 SK        | 16   | 100         |
| 61750000       | GSC 348             | orange | 8.84 x 9.98                 | PEW 12.1428 SK        | 17   | 100         |
| 61750010       | GSC 359             | purple | 9.12 x 10.13                | PEW 12.1429 SK        | 50   | 100         |
| 61750020       | GSC 375             | yellow | 9.52 x 10.3                 | PEW 12.1429 SK        | 51   | 100         |
| 61750030       | GSC 405             | red    | 10.28 x 11.5                | PEW 12.1430 SK        | 52   | 100         |
| 61750040       | GSC 415             | blue   | 10.54 x 11.76               | PEW 12.1430 SK        | 52   | 100         |
| 61750050       | GSC 425             | silver | 10.8 x 12.06                | PEW 12.1430 SK        | 54   | 100         |
| 61750060       | GSC 460             | silver | 11.68 x 12.95               | PEW 12S.1440 SK       | 56   | 100         |
| 61750070       | GSC 500             | green  | 12.7 x 14.6                 | PEW 12S.1440 SK       | 57   | 100         |